

Claims

1. Implantable heart stimulator (2) comprising an AV-  
interval generator (14) adapted to generate a variable AV-  
5 interval and provided with a predetermined basic AV-  
interval, characterized in that the heart stimulator  
(2) further comprises a counter (16) that counts the number  
of times the AV-interval is changed during a predetermined  
time period, and where said counter (16) generates and  
10 applies an output signal to said AV-signal generator (14) to  
change said basic AV-interval if said number of times is  
greater than a predetermined value.
2. Heart stimulator according to claim 1  
15 characterized in that the change of the basic AV-  
interval is in the interval -30 to 30 milliseconds.
3. Heart stimulator according to claim 2  
characterized in that the change of the basic AV-  
20 interval is -20 ms or +20 ms.
4. Heart stimulator according to any preceding claim  
characterized in that said predetermined value is in  
the range 2-10.  
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5. Heart stimulator according to any preceding claim  
characterized in that said predetermined time period  
is between 1 and 3 minutes.
- 30 6. Heart stimulator according to any preceding claim  
characterized in that said heart stimulator further  
comprises a control unit (12) provided with a fusion  
avoidance algorithm.

7. Heart stimulator according to claim 6  
characterized in that said fusion avoidance  
algorithm, when activated, makes the AV-interval generator  
5 (14) temporarily prolong the AV-interval.

8. Heart stimulator according to any preceding claim  
characterized in that said heart stimulator further  
comprises a control unit (12) provided with a stimulation  
10 threshold search algorithm.

9. Heart stimulator according to claim 8  
characterized in that said stimulation threshold  
search algorithm, when activated, makes the AV-interval  
15 generator (14) temporarily shorten the AV-interval.